

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
1102.0250003APPLICATION NO.
09/722,440APPLICANT
POLLESELLO et al.FILING DATE
November 28, 2000GROUP
To be assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
CMK	AA1	3,259,635	07/05/1966	Ritter et al.	260	343.2	05/05/1964
I	AB1	3,515,721	06/02/1970	Ritter et al.	260	247.2	06/26/1967
I	AC1	4,349,566	09/14/1982	della Valle	424	281	09/10/1980
I	AD1	4,452,811	06/05/1984	della Valle	424	281	02/01/1982
CMK	AE1	5,741,821	04/21/1998	Roufogalis et al.	514	734	11/30/1995
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
CMK	AL1	WO 94/28886	12/22/1994	WIPO			Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

CMK	AR	1	Arkin, I.T., et al., "Structural Perspectives of Phospholamban, a Helical Transmembrane Pentamer," <i>Annu. Rev. Biophys. Biomol. Struct.</i> 26:157-179, Annual Reviews, Inc. (September 1997).
CMK	AS	1	Ferrari, B., et al., "Development of Tetrazole Bioisosteres in Angiotensin II Antagonists," <i>Bioorg. & Med. Chem. Lett.</i> 4(1):45-50, Pergamon Press (1994).
CMK	AT	1	Havel, T.F., et al., "Effects of Distance Constraints on Macromolecular Conformation. II. Simulation of Experimental Results and Theoretical Predictions," <i>Biopolymers</i> 18:73-81, John Wiley & Sons, Inc. (1979).

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	AL						Yes No
	AM						Yes No
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

CHK	AR	2	Hoh, J.F.Y., "Muscle fiber types and function," <i>Curr. Opin. Rheum.</i> 4:801-808, Current Science (1992).
	AS	2	Karplus, M., "Vicinal Proton Coupling in Nuclear Magnetic Resonance," <i>J. Am. Chem. Soc.</i> 85:2870-2871, American Chemical Society (1963).
CHK	AT	2	Kohara, Y., et al., "Synthesis and Angiotensin II Receptor Antagonistic Activities of Benzimidazole Derivatives Bearing Acidic Heterocycles as Novel Tetrazole Bioisosteres," <i>J. Med. Chem.</i> 39:5228-5235, American Chemical Society (December 1996).

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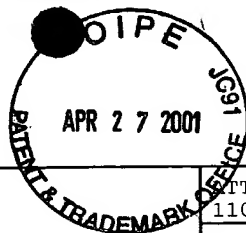
CMK	AR	3	Koradi, R., et al., "MOLMOL: A program for display and analysis of macromolecular structures," <i>J. Mol. Graphics</i> 14:51-55, Elsevier Science Inc. (February 1996).
/	AS	3	McIntyre, L., and Freeman, R., "Accurate Measurement of Coupling Constants by J Doubling," <i>J. Mag. Res.</i> 96:425-431, Academic Press, Inc. (1992).
CMK	AT	3	Stopar, D., et al., "Local Dynamics of the M13 Major Coat Protein in Different Membrane-Mimicking Systems," <i>Biochem.</i> 35:15467-15473, American Chemical Society (December 1996).

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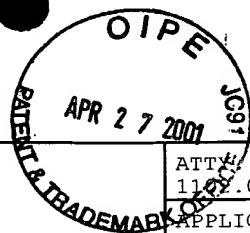
CMK	AR	4	Wishart, D.S., <i>et al.</i> , "The Chemical Shift Index: A Fast and Simple Method for the Assignment of Protein Secondary Structure through NMR Spectroscopy," <i>Biochem.</i> 31:1647-1651, American Chemical Society (1992).
/	AS	4	STN Database CAPLUS, Document No. 94:15493, Joshi, B.S., <i>et al.</i> , "Evaluation of some naturally occurring and synthetic coumarins for hypotensive activity," (1980).
CMK	AT	4	STN Database CAPLUS, Document No. 77:88302, Murakami, M., <i>et al.</i> , "Bis(carboxymethoxy)-4-methylcoumarins," (1972).

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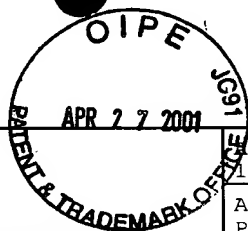
CMK	AR	<u>5</u>	STN Database CAPLUS, Document No. 114:42491, Verma, B.S., et al., "Studies of pesticides based on coumarin: Part 5. Synthesis and antifungal activity of substituted 2,3-dihydrocyclopenta[c][1] benzopyran-4(H)-ones," (1989).
	AS	<u>5</u>	STN Database CAPLUS, Document No. 97:216033, Winter, W., et al., "Tricyclic aryl ethers and medicines containing these compounds," (1982).
CMK	AT	<u>5</u>	STN Database CAPLUS, Document No. 97:216005, Leshner, G.Y., and Philion, R.E., "3-Substituted-6-(lower alkyl)-5-(pyridinyl)-2(1H)-pyridinones, their cardiotonic use and intermediates therefor," (1982).

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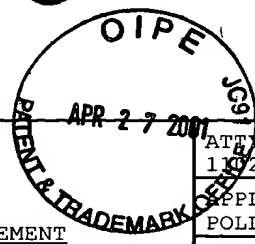
CMK	AR	6	STN Database CAPLUS, Document No. 84:179971, Bartl, K., et al., "Synthesis of .DELTA.8-tetrahydrodibenzo[b,d]pyran-6-ones and their aminolysis to .DELTA.8-tetrahydrophenanthridine-6-ones," (1976).
/	AS	6	STN Database CAPLUS, Document No. 84:179968, Chebaane, K., et al., "Synthesis of 2-arylnaphthalenes and of dibenzocoumarins. I. Synthesis of tetrahydrodibenzocoumarins, 2-(1-cyclohexenyl)naphthalenes and tetrahydrobenzocoumarins," (1975).
CMK	AT	6	Ferguson, D.G., et al., "Localization of Phospholamban in Smooth Muscle Using Immunogold Electron Microscopy," J. Cell Biol. 107:555-562, The Rockefeller University Press (1988).

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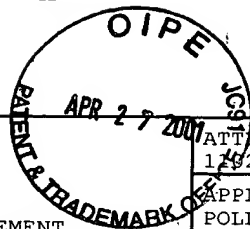
CMK	AR	7	Gao, Y., et al., "Interaction of calmodulin with phospholamban and caldesmon: comparative studies by ¹ H-NMR spectroscopy," <i>Biochim. Biophys. Acta</i> 1160:22-34, Elsevier Science Publishers B.V. (1992).
	AS	7	Lalli, J., et al., "Targeted Ablation of the Phospholamban Gene Is Associated With a Marked Decrease in Sensitivity in Aortic Smooth Muscle," <i>Circulation Res.</i> 80:506-513, American Heart Association, Inc. (April 1997).
CMK	AT	7	Lindemann, J.P., et al., "β-Adrenergic Stimulation of Phospholamban Phosphorylation and Ca ²⁺ -ATPase Activity in Guinea Pig Ventricles," <i>J. Biol. Chem.</i> 258:464-471, American Society of Biological Chemists, Inc. (1983).

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

CMK	AR	8	Liu, L.H., et al., "Defective Endothelium-dependent Relaxation of Vascular Smooth Muscle and Endothelial Cell Ca ²⁺ Signaling in Mice Lacking Sarco(endo)plasmic Reticulum Ca ²⁺ -ATPase Isoform 3," <i>J. Biol. Chem.</i> 272:30538-30545, American Society for Biochemistry and Molecular Biology, Inc. (November 1997).
/	AS	8	O'Neil, K.T., and DeGrado, W.F., "How calmodulin binds its targets: sequence independent recognition of amphiphilic α -helices," <i>TIBS</i> 15:59-64, Elsevier Science Publishers Ltd. (UK) (1990).
CMK	AT	8	Sutliff, R.L., et al., "Functional and Biochemical Evidence for Modulation of Endothelial Cell Function by Phospholamban," <i>FASEB J.</i> 12:A957, Abstract No. 5546, Federation of American Societies for Experimental Biology (1998).

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